

PAR 16 6X1.0W DIMMABLE



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Features and Benefits

Range of light output of dimmable lamps: 10%~100%

Replacement for 65W Halogen

Top quality LED from Cree and Nichia

Energy savings: 7.5W total power consumption (Max8.5W)

High luminous intensity and reliability

Long lifetime: 50,000 hrs w 70% light output at 25°C

Wide operating temperature: -20°C to +40°C

Wide variety of quality optics to choose from satisfies any lighting application

Beam angles: Cree LED 20°, 23°, 34°, 52°

Available color temperaure: 2500-32000K, 4000-4500K, 5000-6500K

Driver's power efficiency 75 to 85%

Long Life of Components: Over 50,000 hrs under 80°C

High CRI: >70

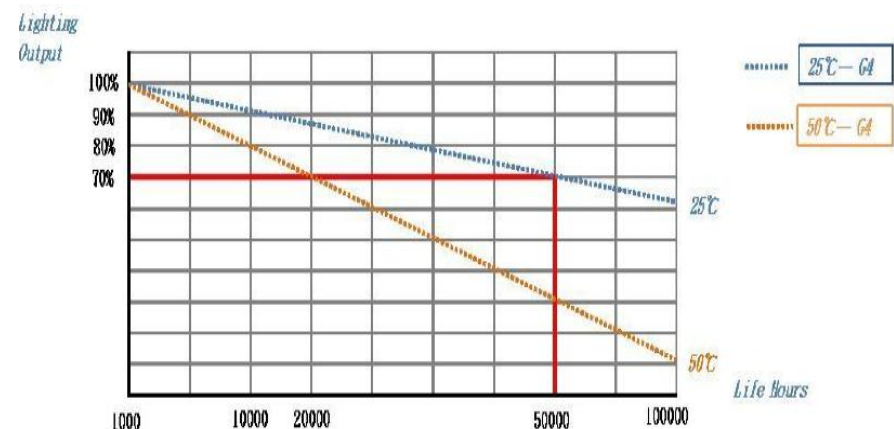
No UV and no IR emitted

Two versions: 110V and 230V for different markets

Warranty

3 years

Life, Reliability and Lumen Maintenance



Technical Performance

CODE	COLOR	LAMP BASE	REFERENCE	LED BRAND	LED QTY	BEAM ANGLE	C.R.I	LIGHT OUTPUT (Lm)	POWER CONSUMPTION	INPUT VOLTAGE	Power Factor	OPERATING TEMPERATURE
20240260	Warm white	GU10	I-PAR16GU10-6X1W-20degCr-WW(3000K)(AC200-240V)-DIM	Cree	6x1.0W	20°	>80	435	7.5W	200-240V	>0.70	-20° to +40°C
20240261	Daylight	GU10	I-PAR16GU10-6X1W-20degCr-WDL(6500K)(AC200-240V)-DIM	Cree	6x1.0W	20°	>70	633	7.5W	200-240V	>0.70	-20° to +40°C
20240257	Warm white	GU10	I-PAR16GU10-6X1W-23degCr-WW(3000K)(AC200-240V)-DIM	Cree	6x1.0W	23°	>80	435	7.5W	200-240V	>0.70	-20° to +40°C
20240262	Daylight	GU10	I-PAR16GU10-6X1W-23degCr-WDL(6500K)(AC200-240V)-DIM	Cree	6x1.0W	23°	>70	633	7.5W	200-240V	>0.70	-20° to +40°C

20240258	Warm white	GU10	I-PAR16GU10-6X1W-34degCr-WW(3000K)(AC200-240V)-DIM	Cree	6x1.0W	34°	>80	435	7.5W	200-240V	>0.70	-20° to +40°C
20240263	Daylight	GU10	I-PAR16GU10-6X1W-34degCr-WDL(6500K)(AC200-240V)-DIM	Cree	6x1.0W	34°	>70	633	7.5W	200-240V	>0.70	-20° to +40°C
20240259	Warm white	GU10	I-PAR16GU10-6X1W-52degCr-WW(3000K)(AC200-240V)-DIM	Cree	6x1.0W	52°	>80	435	7.5W	200-240V	>0.70	-20° to +40°C
20240264	Daylight	GU10	I-PAR16GU10-6X1W-52degCr-WDL(6500K)(AC200-240V)-DIM	Cree	6x1.0W	52°	>70	633	7.5W	200-240V	>0.70	-20° to +40°C
20240265	Warm white	E27	I-PAR16E27-6X1W-20degCr-WW(3000K)(AC200-240V)-DIM	Cree	6x1.0W	20°	>80	435	7.5W	200-240V	>0.70	-20° to +40°C
20240266	Daylight	E27	I-PAR16E27-6X1W-20degCr-WDL(6500K)(AC200-240V)-DIM	Cree	6x1.0W	20°	>70	633	7.5W	200-240V	>0.70	-20° to +40°C
20240267	Warm white	E27	I-PAR16E27-6X1W-23degCr-WW(3000K)(AC200-240V)-DIM	Cree	6x1.0W	23°	>80	435	7.5W	200-240V	>0.70	-20° to +40°C
20240268	Daylight	E27	I-PAR16E27-6X1W-23degCr-WDL(6500K)(AC200-240V)-DIM	Cree	6x1.0W	23°	>70	633	7.5W	200-240V	>0.70	-20° to +40°C
20240269	Warm white	E27	I-PAR16E27-6X1W-34degCr-WW(3000K)(AC200-240V)-DIM	Cree	6x1.0W	34°	>80	435	7.5W	200-240V	>0.70	-20° to +40°C
20240270	Daylight	E27	I-PAR16E27-6X1W-34degCr-WDL(6500K)(AC200-240V)-DIM	Cree	6x1.0W	34°	>70	633	7.5W	200-240V	>0.70	-20° to +40°C
20240271	Warm white	E27	I-PAR16E27-6X1W-52degCr-WW(3000K)(AC200-240V)-DIM	Cree	6x1.0W	52°	>80	435	7.5W	200-240V	>0.70	-20° to +40°C
20240272	Daylight	E27	I-PAR16E27-6X1W-52degCr-WDL(6500K)(AC200-240V)-DIM	Cree	6x1.0W	52°	>70	633	7.5W	200-240V	>0.70	-20° to +40°C

100-120V

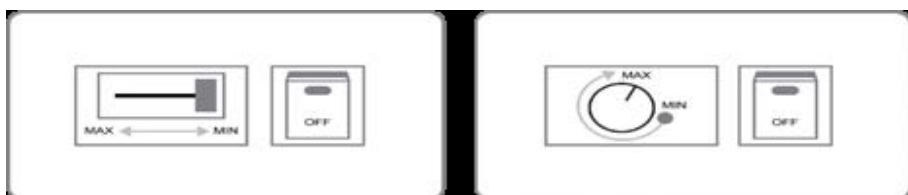
CODE	COLOR	LAMP BASE	REFERENCE	LED BRAND	LED QTY	BEAM ANGLE	C.R.I	LIGHT OUTPUT (Lm)	POWER CONSUMPTION	INPUT VOLTAGE	Power Factor	OPERATING TEMPERATURE
20240273	Warm white	GU10	I-PAR16GU10-6X1W-20degCr-WW(3000K)(AC100-120V)-DIM	Cree	6x1.0W	20°	>80	435	7.5W	100-120V	>0.90	-20° to +40°C
20240274	Daylight	GU10	I-PAR16GU10-6X1W-20degCr-WDL(6500K)(AC100-120V)-DIM	Cree	6x1.0W	20°	>70	633	7.5W	100-120V	>0.90	-20° to +40°C
20240275	Warm white	GU10	I-PAR16GU10-6X1W-23degCr-WW(3000K)(AC100-120V)-DIM	Cree	6x1.0W	23°	>80	435	7.5W	100-120V	>0.90	-20° to +40°C

20240276	Daylight	GU10	I-PAR16GU10-6X1W-23degCr-WDL(6500K)(AC100-120V)-DIM	Cree	6x1.0W	23°	>70	633	7.5W	100-120V	>0.90	-20° to +40°C
20240277	Warm white	GU10	I-PAR16GU10-6X1W-34degCr-WW(3000K)(AC100-120V)-DIM	Cree	6x1.0W	34°	>80	435	7.5W	100-120V	>0.90	-20° to +40°C
20240278	Daylight	GU10	I-PAR16GU10-6X1W-34degCr-WDL(6500K)(AC100-120V)-DIM	Cree	6x1.0W	34°	>70	633	7.5W	100-120V	>0.90	-20° to +40°C
20240279	Warm white	GU10	I-PAR16GU10-6X1W-52degCr-WW(3000K)(AC100-120V)-DIM	Cree	6x1.0W	52°	>80	435	7.5W	100-120V	>0.90	-20° to +40°C
20240280	Daylight	GU10	I-PAR16GU10-6X1W-52degCr-WDL(6500K)(AC100-120V)-DIM	Cree	6x1.0W	52°	>70	633	7.5W	100-120V	>0.90	-20° to +40°C
20240281	Warm white	E27	I-PAR16E27-6X1W-20degCr-WW(3000K)(AC100-120V)-DIM	Cree	6x1.0W	20°	>80	435	7.5W	100-120V	>0.90	-20° to +40°C
20240282	Daylight	E27	I-PAR16E27-6X1W-20degCr-WDL(6500K)(AC100-120V)-DIM	Cree	6x1.0W	20°	>70	633	7.5W	100-120V	>0.90	-20° to +40°C
20240283	Warm white	E27	I-PAR16E27-6X1W-23degCr-WW(3000K)(AC100-120V)-DIM	Cree	6x1.0W	23°	>80	435	7.5W	100-120V	>0.90	-20° to +40°C
20240284	Daylight	E27	I-PAR16E27-6X1W-23degCr-WDL(6500K)(AC100-120V)-DIM	Cree	6x1.0W	23°	>70	633	7.5W	100-120V	>0.90	-20° to +40°C
20240285	Warm white	E27	I-PAR16E27-6X1W-34degCr-WW(3000K)(AC100-120V)-DIM	Cree	6x1.0W	34°	>80	435	7.5W	100-120V	>0.90	-20° to +40°C
20240286	Daylight	E27	I-PAR16E27-6X1W-34degCr-WDL(6500K)(AC100-120V)-DIM	Cree	6x1.0W	34°	>70	633	7.5W	100-120V	>0.90	-20° to +40°C
20240287	Warm white	E27	I-PAR16E27-6X1W-52degCr-WW(3000K)(AC100-120V)-DIM	Cree	6x1.0W	52°	>80	435	7.5W	100-120V	>0.90	-20° to +40°C
20240288	Daylight	E27	I-PAR16E27-6X1W-52degCr-WDL(6500K)(AC100-120V)-DIM	Cree	6x1.0W	52°	>70	633	7.5W	100-120V	>0.90	-20° to +40°C

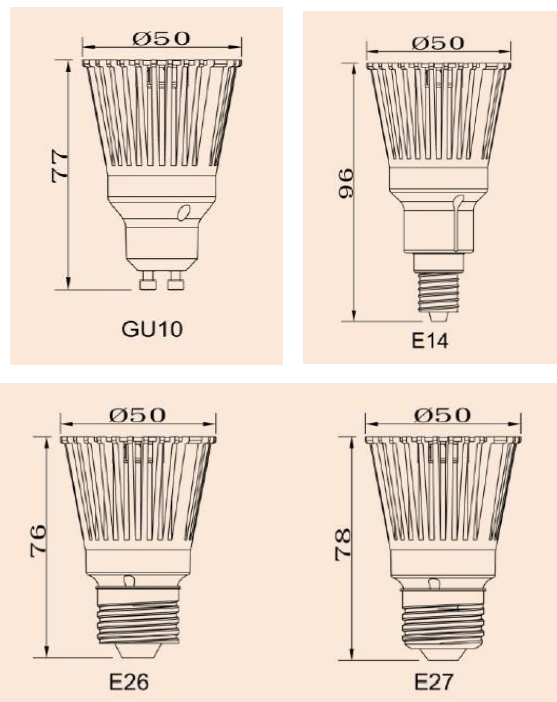
Dimmers

Light output of IRIS dimmable lamps ranges from 10% to 100% depending on different types of dimmers. Only smoothly dimmers are suitable for these lamps. Dimmer limitations are as below.

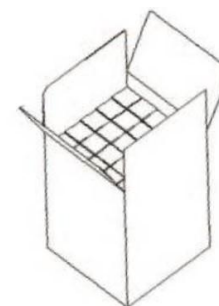
1. The minimum power consumption of a dimmable lamp should be 35 Watt.
2. If power consumption is under 35 Watt, for the low loading power, it might cause phenomenon below.
 - A. Not dimmable anymore.
 - B. Blinking when dimming.



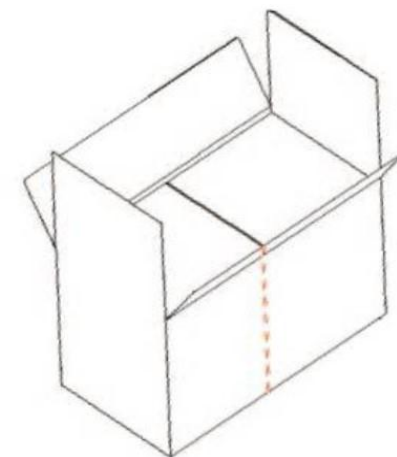
Dimensions & Packaging



Gift Box / White Box
L:53*W:53*H:125mm



Inner Carton / L:290*W:290*H:400mm



Master Carton / L:600*W:310*H:420mm

In 1 White Box	1pc of Lamp
In 1 Inner Carton	75 Boxes in 1Inner Carton
In 1 Master Carton	2 Inner Cartons (150 White Boxes)

Fixture Compatibility

The T-type PAR16 is not compatible with all luminaires for halogen lamps. Before installation, please read following guidelines:

No sealed fixtures.

Not for outdoor fixtures.

Not for wet environment except IP65 version.

Not for integral primary optics.



Safety & Environment Specifications

T-type Series PAR16 bulbs are manufactured to conform to the following safety criteria for GS, E.M.C, S-Mark, FCC,

Certificated Mark	Items of certificated standard
CE	EMC: EN55015, EN61000-3-2, EN61000-3-3, EN61547 (IEC61000-4-2, IEC61000-4-3, IEC61000-4-4, IEC61000-4-5, IEC61000-4-6, IEC61000-4-8, IEC61000-4-11)
LVD	EN60968, EN61347-1, EN61347-2-13, EN60598-1, EN60598-2-4
TUV	J80968(H14)
FCC	Part18 Subpart C
VCCI	CISPR22 ClassB 10M Radiation
REACH	Regulation (EC) No.1907/2006: (REACH) Artical 33
RoHS	Directive 2002/95/EC (RoHS) and corresponding amendment directives